

steering wheel structure for rendering the dictating apparatus operative to receive the driver voice dictation and locally store the dictation on the tape, and locally to play back the same when desired.--

¹⁴~~13~~ Apparatus as claimed in claim ¹³~~12~~ and in which said switching means is activated by voice commands at said steering wheel.--

¹⁵~~14~~ In a driver-operated vehicle audio cassette deck provided with a playback system controlled from a front panel containing switch controls for reproducing in a vehicle loudspeaker audio signals stored on a recording storage medium and wherein there is also integrally provided a vehicle radio receiver, apparatus for rendering the cassette deck also capable of active driver dictation recording on a storage medium locally at the vehicle, said apparatus having, in combination, an auxiliary apparatus comprising a microphone permanently located and integrated in the cassette deck panel and an audio amplifier connected thereto and to an audio recording storage medium for enabling the driver in the vehicle, upon actuation of a recording dictation mode switch on the panel, to dictate in the vehicle into the microphone on the panel and locally record and store the dictation on the medium; a programmable control circuit cooperative with said auxiliary apparatus for switching said audio amplifier upon said actuation of the recording dictation mode, to record and store the dictation on the medium; and, after such recording, the circuit enabling switching by the driver to actuate a playback mode for playing back the dictation stored on the medium through the loudspeaker; and a circuit enabling also switching by the driver to record from said vehicle radio.--

¹⁶~~15~~ Apparatus as claimed in claim ¹⁵~~14~~ and in which the switching to initiate the recording actuation mode and the playback mode is initiated by driver-controlled switches at the panel.--

¹⁷~~16~~ Apparatus as claimed in claim ¹⁵~~14~~ and in which the switching by the playback mode is automatically effected a predetermined time after the dictation recording.--

¹⁸~~17~~ Apparatus as claimed in claim ¹⁵~~14~~ and in which the switching to the playback mode is automatically effected after a predetermined number of recordings.--

¹⁹~~18~~ Apparatus as claimed in claim ¹⁵~~14~~ and in which the initiation of said switching is effected by a driver-operated switch control located at the steering wheel structure.--

²⁰~~19~~ Apparatus as claimed in claim ¹⁵~~14~~ and in which initiation of said switching is effected by driver voice-command actuated switches.--

²¹~~20~~ In a driver-operated vehicle provided with a vehicle entertainment player storage medium cassette deck having a front panel containing control switches including a playing switch for the driver to listen to audio signals stored in the storage medium while operating the vehicle, apparatus for expanding the use of the vehicle player cassette deck to permit dictation by the driver, that comprises, a microphone integrally carried by the front panel and recording amplifying components comprising,

dictating apparatus added and connected to the player cassette deck to enable diversionless dictation by the driver on a storage medium inserted in said player cassette deck, while operating the vehicle; means operable at a time after voice dictation and storage on the storage medium for playing back in the vehicle; and switching means activated by the driver by one of the driver actuating the switching while seated at the steering wheel region, and by the driver actuating the switching by voice command, for rendering the dictating apparatus operative to receive and store dictation.--

21
 Apparatus as claimed in claim 10 and in which, where the driver actuates the switching while seated at the steering wheel region, a driver-controlled switch is incorporated at the steering wheel structure.--

Any costs, including for extensions of time required herein, petition for which is hereby made, are to be charged to Deposit Account No. 18-1425 of the undersigned attorney.

Respectfully submitted.

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